

CLAIMS

WHAT IS CLAIMED

1. (Currently amended) An apparatus for heating plastic pipe ~~so that such pipe may be bent~~ comprising:
a container having at least one first opening therein for receiving a pipe to be heated and a second opening therein;
a source of hot exhaust gases from a motor vehicle;
a conduit having a first end communicating with the second opening in the container and a second end adapted to be attached to the source of hot exhaust gases to route said gases into the container to heat the pipe whereby it may be bent. comprised of:
 - a. an inner housing having at least one first opening and a second opening therein for receiving pipe to be heated,
 - b. an outer housing having at least one first opening and a second opening therein for receiving pipe to be heated,
 - c. a layer of insulation between the two housings, creating an oven effect and allowing the retention of heat, while allowing the outside of the box to be handled immediately after, and during use,
 - d. a conduit having a first end communicating with the second opening in the container and a second end adapted to be attached to the source of hot exhaust gases to route said gases into the container to heat the pipe whereby it may be bent,
 - e. interchangeable multi-sized templates on both to be inserted between inner and outer housings of apparatus, maximizing heat retention, while still allowing the apparatus adequate ventilation and constant circulation of gases.
2. (Currently amended) The apparatus as set forth in claim 1 including a baffle mounted in the container adjacent the second opening in the container to

~~disperse said hot gases whereby the gases are distributed around the pipe to be bent to promote uniform bending.~~ permanent attached diffuser that:

- a. is mounted to the inner housing adjacent the second opening in the container to disperse hot exhaust gases.
- b. has perforations symmetrically spaced on the top and bottom of the diffuser to circulate the heat evenly, creating a uniform bend.
- c. extends the entire length of the inner housing.

- 3. (Currently amended) Apparatus as ~~set forth~~ claimed in claim 2 wherein the baffle diffuser has at least one opening therein adjacent the pipe, to distribute extract gases to heat the pipe, uses a source of hot exhaust gases from a motor vehicle, allowing small and large schedule pipe to be bent.
- 4. (New) The apparatus as claimed in 3 has interchangeable-templates
- 5. (New) Templates allow various scheduled pipe to be bent, without having to allow the complete apparatus to reach a lower temperature.
- 6. (New) The apparatus as claimed in 1 wherein templates allow multiple bends to be made more rapidly.